HITACHI
Inspire the Next

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Design and specifications are subject to change without notice.

www.hitachidigitalmedia.com

Dealer stamp

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• When a plasma display is turned on, minute dots light up on the screen. Please be aware that some parts of the screen may not light, while in other parts dots will always light. This is normal and is not a malfunction.
• To prevent overheating of the plasma panel an air cooling system is used. To assure proper operation of this system, the plasma display should be installed and operated in a horizontal position. If the display is installed vertically or at an excessive angle, heat may not be effectively dissipated and overheating could occur. This could lead to a malfunction.
• All on-screen images shown in this catalogue are simulated. • Design and specifications are subject to change without notice.
• For vertical installation of plasma please refer to installation booklet for details.

HITACHI
Inspire the Next

FLAT

desire

PLATARA plasma

Films, TV, Games and Sport. Whatever you desire to watch, you can be certain it looks better on a Plasma TV. And no Plasma TV is more desirable than the new range from Hitachi. High resolution, high impact and beautiful colour reproduction mean that anything you display on them will look simply stunning.

I² Advanced Intelligent Image Chip

H³ Plasma Panel

TruBass by SRS

On the outside, Hitachi Plasma TVs are sleek and stylish – easily accommodated into any room and with a choice of options to suit your lifestyle.

But it's on the inside that they really set themselves apart from the rest.

Your picture is brought to life by the I² Advanced Intelligent Image Chip. The 'brain' of the Plasma, this chip gives you a 1024-line, high resolution picture with Dynamic Contrast, Noise Reduction and Digital Colour Management. The result? A life-like image that draws you into the screen and lets you see the detail as if it were real.

This is supported by Hitachi's H³ Plasma Panel. Providing the highest contrast level on the market, the H³ Plasma Panel brings vivid and natural looking colours to your viewing experience. But no Plasma experience is complete without sound to match the quality of the visuals. Hitachi's Plasma TVs incorporate TRUBASS technology to provide deep bass and Matrix Sound. Widening and expanding the stereo image, the sound system in our Plasma TVs puts you right in the midst of the action.

And that's not all.

All Hitachi Plasma TVs have presets for picture and sound, so you can watch and listen the way you want to. You also get a host of set-up combinations meaning you can connect peripherals in the way that suits you – from fitted video boards to the external Multi-Media box.

You can even use multi-picture mode to see two TV pictures at the same time – including teletext or interactive information.

Isn't it time you gave in to desire?

With a stunning screen you need a similarly elegant way of connecting up your home entertainment network. The Platara range of Plasma TVs means the days of trailing multiple cables from your TV set are numbered. Using the Multi-Media box as the centre of your home entertainment system, simply connect up your Video, DVD, games console, speaker system and set top box to your Platara Plasma TV with a single digital cable.

42PD5000 Series

Big screen entertainment at just 95mm depth. That's the appeal of the flagship 42" (106cmV) Plasma TV. It combines breathtaking design with cutting-edge technology and delivers sound and visuals like only Hitachi can. And it comes in three distinct variations – meaning you can choose the package that fits your passion.

PLATARA

42PD5100 – An ideal solution for the Home Cinema enthusiast, this screen comes with fitted video board.

PLATARA PURIST

42PD5200 – Perfect for home usage and those looking for a self contained system, this variation comes with video board, tuner board and speakers.

PLATARA PURIST PLUS

42PD5300 – The ultimate system, this Plasma comes with speakers and the external Multi-Media Box for connecting all your peripherals.

- 42" (106cmV) Plasma Screen
- Widescreen Viewing Ratio
- I^2 Advanced Intelligent Image Chip and H^3 Plasma Panel Technology
- Pixel Pitch – 0.90 (Horizontal) and 0.51mm (Vertical)
- 16.7 Million Colours for Clarity and Depth (256 grey scales)
- Brightview – using Alternative Lighting of Surfaces (ALIS) technology
- Incorporates TRUBASS technology and Matrix Sound
- Digital Colour Management – true colour reproduction
- Panel Luminance of 1100 cd/m^2 for high brightness
- Contrast of 1000:1 to produce superior blacks
- 1 bit Digital Audio Amp
- 2 x 12W Audio Power Output
- PC Analogue Input
- PC Digital Input
- RS232C Control
- Detachable Speakers

vision

PLATARA

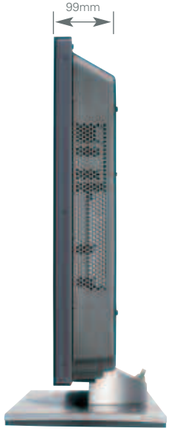
32PD5100 – An ideal solution for the Home Cinema enthusiast, this screen comes with fitted video board.

PLATARA PURIST

32/37PD5200 – Perfect for home usage and those looking for a self contained system, this variation comes with video board, tuner board and speakers.

PLATARA PURIST PLUS

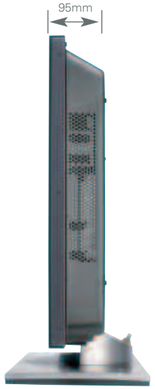
32PD5300 – The ultimate system, this Plasma comes with speakers and the external Multi-Media Box for connecting all your peripherals.



37PD5000 Series

Stunning simplicity and sophisticated technology. A Plasma TV that looks outstanding – even before you turn it on. The I^2 Advanced Intelligent Image Chip and H^3 Plasma Panel technology produce unrivalled picture performance with TRUBASS state-of-the-art acoustics to match.

- 37" (93cmV) Plasma Screen ■ Widescreen Viewing Ratio
- I^2 Advanced Intelligent Image Chip and H^3 Plasma Panel Technology
- Pixel Pitch – 0.80 (Horizontal) and 0.44mm (Vertical)
- 16.7 Million Colours for Clarity and Depth (256 grey scales)
- Brightview – using Alternative Lighting of Surfaces (ALIS) technology ■ Incorporates TRUBASS technology and Matrix Sound
- Digital Colour Management – true colour reproduction
- Panel Luminance of 1000 cd/m^2 for high brightness ■ Contrast of 1000:1 to produce superior blacks ■ 1 bit Digital Audio Amp
- 2 x 12W Audio Power Output ■ PC Analogue Input
- PC Digital Input ■ RS232C Control ■ Detachable Speakers



32PD5000 Series

Big performance in a compact screen. Featuring the same visionary technology – the I^2 Advanced Intelligent Image Chip and H^3 Plasma Panel, as well as TRUBASS – this 32" Plasma TV delivers incredible picture and acoustic quality in a system that fits in elegantly into any room.

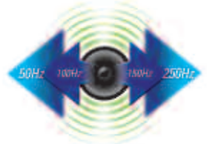
- 32" (82cmV) Plasma Screen ■ Widescreen Viewing Ratio
- I^2 Advanced Intelligent Image Chip and H^3 Plasma Panel Technology
- Pixel Pitch – 0.84 (Horizontal) and 0.39mm (Vertical)
- 16.7 Million Colours for Clarity and Depth (256 grey scales)
- Brightview – using Alternative Lighting of Surfaces (ALIS) technology ■ Incorporates TRUBASS technology and Matrix Sound ■ Digital Colour Management – true colour reproduction
- Panel Luminance of 1000 cd/m^2 for high brightness ■ Contrast of 1000:1 to produce superior blacks ■ 1 bit Digital Audio Amp
- 2 x 12W Audio Power Output ■ PC Analogue Input
- PC Digital Input ■ RS232C Control ■ Detachable Speakers

versatile

Hitachi LCD TVs are more than just a television. Yes, they provide outstanding picture quality and better resolution than you'd expect from much bigger TVs. But where these score is in their versatility.

Their slim and stylish design will fit into any room. And the high performance displays deliver stunning pictures and can be used with a DVD player, set top box, games console and even a PC – giving you everything you need for your visual entertainment on one screen.

I² Advanced Intelligent Image Chip



Hitachi's Advanced Super In Plane Switching (AS-IPS) technology provides you with brighter pictures, highly developed contrast and natural looking colouring. What's more, Hitachi's new I² Advanced Intelligent Image Chip works together with the Digital Colour Management and Dynamic Backlight control to create more life-like pictures and images.

The DCC (Dynamic Colour Control) drive overcomes the problems associated with many LCD TVs. It increases the signal voltage to improve the screen's response time, minimising blurring and giving you superb quality on all moving images.

Hitachi also matches the quality of the visuals with incredible sound. TRUBASS technology makes you feel the bass and Matrix Sound widens and expands the stereo image to fill the room. So even with a smaller screen you will still get the atmosphere and experience of a large home cinema system.

Each Hitachi LCD TV comes with full connections including SCART, DVI and 15-pin D-sub PC sockets – making them ideal for both the home and the office. And with a wide 170 degree viewing angle the picture looks as good from the side as it does from the front.

All this in a package so elegant, so beautifully designed, that it will turn heads, even before you turn it on*.

** Please refer to product specification for individual product features.*

style

28LD5200

A stylish television for the living room – and a natural fit in the bedroom. This flagship 28" (71cmV) LCD TV combines stunning design with cutting edge TFT technology. Just 99mm deep, it incorporates Hitachi's latest LCD panel technology so that pictures are processed more intelligently and contrast and colour stand out.

It also incorporates Hitachi's Advanced Super In Plane Switching (AS-IPS) system, not only delivering brighter pictures but also giving you a wide 170 degree viewing angle. Making it just as good to look at from any angle as from the front.

- 28" (71cmV) TFT Screen
- Widescreen Viewing Ratio
- New TFT panel and I^2 Advanced Intelligent Image Chip Technology
- Pixel Pitch – 0.47 x 0.47mm
- 16.7 Million Colours for Clarity and Depth (256 grey scales)
- Incorporates TRUBASS technology and Matrix Sound
- Digital Colour Management – True Colour Reproduction
- Panel Luminance of 450cd/m^2
- Audio 1 bit Digital AMP
- 2 x 12W Audio Power Output
- PC Analogue Input
- PC Digital Input
- RS232C Control
- Detachable Speakers

Fitted Video Upgrade Board

The Video Upgrade Board provides the following inputs to accommodate today's wide variety of signal sources.

These include:

- Component/Composite Video for DVD or VCR
- Component or RGB/Composite for DVD or Set Top Box
- S-Video/Composite for VCR or Camcorder
- SCART (RGB/S-Video/Composite for DVD or Set Top Box or VCR)

design

22LD4200

Whether for work, play or entertainment this slim line LCD display with built in TV tuner combines superb design with state-of-the-art technology. Incorporating a host of features, this LCD is perfectly formed to complement any environment into which it is placed.

■ 22" (56cmV) LCD Television ■ Ultra Slim Design ■ Built in TV Tuner ■ High Screen Resolution of 1280 x 720 pixels for Superb Pictures ■ 2 SCART Sockets (RGB) ■ Panel Luminance of 450cd/m² ■ Built in speakers ■ 2 x 3W RMS Output ■ Headphone Socket for Personal Viewing

17LD4000

Compact, yet stylish, this truly portable LCD monitor marries stunning picture quality and sound with convenience. What's more, with an optional Tuner/AV board it's ideal for either the office or home.

■ 17"(43cmV) LCD Television ■ Ultra Slim Design ■ High Screen Resolution of 1280 x 768 pixels for Superb Pictures ■ Panel Luminance of 400cd/m² ■ Built in speakers ■ 2 x 2.5W RMS Output ■ Headphone Socket for Personal Viewing

Optional Tuner/AV Board

■ Multi-System for Europe ■ S-VHS Input ■ Component Input ■ Composite Input

display

plasma MONITOR

They say pictures can communicate better than words. They're right.

Hitachi's Plasma Monitors will make any presentation shine. Sharing the same display characteristics as our Plasma TVs, Hitachi Plasma Monitors are essential for all those occasions when image is everything.

I² Advanced Intelligent Image Chip

H³ Plasma Panel

With a high contrast ratio, superior brightness levels and exceptional picture quality, our Plasma Monitors are perfect for meeting rooms, reception areas, the retail environment and public information areas. In fact, anywhere you need to get your message across.

Hitachi's I² Advanced Intelligent Image Chip, enables high quality progressive scan and high speed digital processing ensures the best contrast level for all signals that are run through the display panel. Combined with Digital Colour Management and the High Performance Signal Processor you gain the sharp visuals you need to communicate ideas, concepts and statistics.

The new E-ALIS Panel (H³) delivers dynamic contrast and improved brightness while new optical characteristics of the panel and front filter have improved both overall image brightness and made colour reproduction more natural.

Each Plasma Monitor provides fantastic longevity with the life extension mode increasing panel life by 67%. A sophisticated screen saver feature shifts the picture by a variable number of pixels to help prevent static images from marking the screen.

In an age where it's harder than ever to stand out, make your company shine with a Hitachi Plasma Monitor.

impact

55PMA550E

Make the right impact on your visitors and customers with this monitor. With the I² Advanced Intelligent Image Chip, 1366 x 768 pixel high resolution, 16:9 aspect ratio screen and an extra-high peak white brightness level of 1000cd/m², it offers size and picture performance to match the aspirations of your organisation.

- 55" (140cmV) 16:9 Aspect Ratio Plasma Display
- I² Advanced Intelligent Image Chip and New H³ Plasma Panel
- High Resolution E-ALIS Technology
- Comprehensive Computer Inputs
- Multi Scanning from VGA to UXGA
- Life Extension Mode
- Multi Picture Modes
- Optional Video Upgrade Board

42PMA500EZ

This 16:9 plasma display is capable of displaying the minutest of details and crisp colours for high resolution computer generated images and graphics. Using the I² Advanced Intelligent Image Chip and long life H³ Plasma Panel, the picture quality is ideal for getting your message across.

- 42" (106cmV) 16:9 Aspect Ratio Plasma Display
- New H³ Panel and I² Advanced Intelligent Image Chip
- Super Reality ALIS Technology
- Long Life Panel (up to 60,000 hours)
- Comprehensive Computer Inputs

image

CMP4214E

This Plasma Monitor comes in stylish silver for a contemporary look and feel. Catering for big screen public displays and customer entertainment solutions wherever you need them, this Plasma Monitor utilises the I^2 Advanced Intelligent Image Chip and new H^3 Plasma Panel.

■ 42" (106cmV) 16:9 Aspect Ratio Plasma Display ■ I^2 Advanced Intelligent Image Chip and new H^3 Plasma Panel ■ High Resolution E-ALIS Technology ■ Comprehensive Computer Modes ■ Multi Scanning from VGA to UXGA ■ Life Extension Mode (up to 60,000 hours) ■ Multi Picture Modes ■ Features for Reduced Image Retention ■ Optional Video Upgrade Board

CMP4213E

They say black goes with everything and this slim and space saving widescreen Plasma Monitor is suitable for all kinds of business environments. Delivering the same high specs as the CMP4214E, the CMP4213E provides outstanding picture quality.

■ 42" (106cmV) 16:9 Aspect Ratio Plasma Display ■ I^2 Advanced Intelligent Image Chip and new H^3 Plasma Panel ■ High Resolution E-ALIS Technology ■ Comprehensive Computer Modes ■ Multi Scanning from VGA to UXGA ■ Life Extension Mode (up to 60,000 hours) ■ Multi Picture Modes ■ Features for Reduced Image Retention ■ Optional Video Upgrade Board

plasma 5000 series

Technical Specifications

Model	32PD5000	37PD5000	42PD5000
PICTURE			
Screen Size	32"/82cmV	37"/93cmV	42"/106cmV
Screen Type	Plasma	Plasma	Plasma
Pixels	852 x 1024	1024 x 1024	1024 x 1024
Pixel Pitch	0.84 (horizontal) x 0.39 mm (vertical)	0.80 (horizontal) x 0.44mm (vertical)	0.90 (horizontal) x 0.51mm (vertical)
Colours	16.7 Million	16.7 Million	16.7 Million
Gray Level	256	256	256
Panel Luminance (Typical)	1000 cd/m²	1000 cd/m²	1100 cd/m²
Contrast	1000:1	1000:1	1000:1
AUDIO			
RMS Output	2 x 12W	2 x 12W	2 x 12W
Surround Sound	Matrix	Matrix	Matrix
TRUBASS	•	•	•
1 bit Digital AMP	•	•	•
CONNECTION			
Connector RGB1 (digital)	24-pin DVI (1.0V+HDCP) (Not Available on 5300 Model)	24-pin DVI (1.0V+HDCP)	24-pin DVI (1.0V+HDCP) (Not Available on 5300 Model)
Connector RGB2 (analogue)	15-pin D-sub	15-pin D-sub	15-pin D-sub
Control (RS232C)	9-pin D-sub, RS232C 9600bps	9-pin D-sub, RS232C 9600bps	9-pin D-sub, RS232C 9600bps
Audio for RGB1	L/R mini-headphone jack	L/R mini-headphone jack	L/R mini-headphone jack
Audio for RGB2	L/R mini-headphone jack	L/R mini-headphone jack	L/R mini-headphone jack
COMPUTER INPUT			
RGB1	24-pin DVI (Not Available on 5300 Model)	24-pin DVI	24-pin DVI (Not Available on 5300 Model)
Video Format	RGB digital, TMDS	RGB digital, TMDS	RGB digital, TMDS
Frequency	Horizontal: 31–62kHz, Vertical: 50–85Hz	Horizontal: 31–62kHz, Vertical: 50–85Hz	Horizontal: 31–62kHz, Vertical: 50–85Hz
Audio	Stereo, 470mV 270k Ω	Stereo, 470mV 270k Ω	Stereo, 470mV 270k Ω
RGB2	15-pin D-sub	15-pin D-sub	15-pin D-sub
Video Format	RGB analogue, 0.7$V_{p\text{-}p}$, 75 Ω	RGB analogue, 0.7Vp-p, 75 Ω	RGB analogue, 0.7Vp-p, 75 Ω
Sync Level	H/V Separate Sync and H/V Composite Sync: TTL level Sync on Green: 0.3$V_{p\text{-}p}$, 75 Ω	H/V Separate Sync and H/V Composite Sync: TTL level Sync on Green: 0.3$V_{p\text{-}p}$, 75 Ω	H/V Separate Sync and H/V Composite Sync: TTL level Sync on Green: 0.3$V_{p\text{-}p}$, 75 Ω
Frequency	Horizontal: 31–106kHz, Vertical: 50–85Hz	Horizontal: 31–106kHz, Vertical: 50–85Hz	Horizontal: 31–106kHz, Vertical: 50–85Hz
Audio	Stereo, 470mV High Impedance	Stereo, 470mV High Impedance	Stereo, 470mV High Impedance
CONTROLS			
RGB	Contrast, Brightness, Display Size, Vertical Position, Horizontal Position, Clock, Phase	Contrast, Brightness, Display Size, Vertical Position, Horizontal Position, Clock, Phase	Contrast, Brightness, Display Size, Vertical Position, Horizontal Position, Clock, Phase
Colour Temperature	COOL: 9,300K, NORMAL: 7,600K, WARM: 6,500K Black & White 5,400K, USER: manual adjustment	COOL: 9,300K, NORMAL: 7,600K, WARM: 6,500K Black & White 5,400K, USER: manual adjustment	COOL: 9,300K, NORMAL: 7,600K, WARM: 6,500K Black & White 5,400K, USER: manual adjustment
Audio	Volume, Balance, Treble, Bass, Mute	Volume, Balance, Treble, Bass, Mute	Volume, Balance, Treble, Bass, Mute
Remote Control	Power, Volume Up/Down, Mute, Input Select, Adjustment Menu, ID select	Power, Volume Up/Down, Mute, Input Select, Adjustment Menu, ID select	Power, Volume Up/Down, Mute, Input Select, Adjustment Menu, ID select
RS232C	9-pin D-sub Control through PC	9-pin D-sub Control through PC	9-pin D-sub Control through PC
GENERAL			
Voltage	AC 100–240V/50–60Hz	AC 100–240V/50–60Hz	AC 100–240V/50–60Hz
Power Consumption	255W / <3W	320W	365W / <3W
Stand-by	<2W	<3W	<2W
Weight	24.6kg (excluding speakers/stand)	29kg (excluding speakers/stand)	34.9kg (excluding speakers/stand)
Dimensions (WxHxD)	830 x 506 x 92mm (excluding speakers/stand)	940 x 573 x 99mm (excluding speakers/stand)	1030 x 636 x 91mm (excluding speakers/stand)
Stand	Swivel CMPAD25	Swivel CMPAD25	Swivel CMPAD25
OPERATING CONDITION			
Temperature	5–35°	5–35°	5–35°
Humidity	20–80%RH (non-condensing)	20–80%RH (non-condensing)	20–80%RH (non-condensing)
Pressure	800–1114hPa (reference value: max altitude 1888m)	800–1114hPa (reference value: max altitude 1888m)	800–1114hPa (reference value: max altitude 1888m)
CERTIFICATION			
Safety	EN60065	EN60065	EN60065
EMI	EN50013	EN50013	EN50013
CE	EN55020, EN61000-3-2, EN61000-3-3	EN55020, EN61000-3-2, EN61000-3-3	EN55020, EN61000-3-2, EN61000-3-3

plasma optional extras

5100 Model Features – Video Board
5200 Model Features – Video Board & Tuner Board (see below)

Technical Specification

CONNECTORS	
AV1	Phono x 4 (Component input and Composite input) Phono x 2 (Audio L and R input)
AV2	Phono x 4 (Component or RGB input, and Composite input) Phono x 2 (Audio L and R input)
AV3	Phono x 2 (Composite input and Composite output) S-terminal input (S-Video) Phono x 2 (Audio L and R input)
AV4	SCART (RGB input, Composite input, Composite or TV output, Audio L/R input and output, Mode select, Fast blanking)
INPUT SIGNAL FORMAT	
Component	480i, 480p, 576i, 575p, 720p, 1080i (50/60)
Composite/S-Video	PAL/SECAM/NTSC3.58/NTSC4.43/PAL60
RGB	Normal Video RGB (50/60)
FEATURES	
PinPC and PandP	2 pictures (left half and right half) PinPC (large picture PC and small picture on bottom right)
COMB filter	3 line for PAL, 3D for NTSC

5200 Model Features – Tuner Board Technical Specification

FEATURES	
Connector	RF Input
Input RF Frequency	45MHz–890MHz
Sound System	I/BGH/DK/LL
NICAM/A2	•/•
Teletext	•
Fastext/Toptext	•/•
WSS	16:9, C16:9 (Letterbox), T16:9L, C14:9L, T14:9L, 14:9, 14:9 Zoom, 4:3, Panoramic
Freeze	•
NR on Positions	•
PinP and PandP	4 pictures (main left and sub 3 small pictures on the right) 12 pictures

5300 Model Features – Interface Board Technical Specification

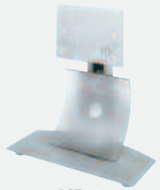
FEATURES	
Interface board fitting in the slot of video board allows PDP monitor to be operated by AVC BOX (AV3000E).	
24-pin DVI connector on original PDP monitor and 8-pin DIN on interface board are connected with AVC BOX.	
Connector	8-pin DIN

5300 Model Features – AV3000E Multi-Media Box

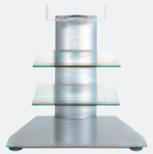
Technical Specification

PICTURE	
Digital Noise Reduction	•
Digital Comb Filter	•
Black Stretch/Picture Boost/Vertical Enhancer	•/•/•
White Point-Cool/Normal/Warm	Variable
CTI/LTI	•/•
Screen Format Modes	8
WSS/SCART Signal Aspect Ratio Switching	•/•
Picture Modes Dynamic/Natural/Cinema/Favourite	•/•/•/•
Progressive Scan (625/50p / 525/60p)	•
TUNER	
Easitune System/Programme Memory	•/100
Autosort/Manual Sort	•/•
SYSTEM	
Cable/Hyperband	•
PAL/SECAM/PAL60/NTSC4.43/3.58	•/•/•/•/•
I/B.G.H/LL/DK.K	•/•/•/•
OPERATION	
Sleep Timer	•
Screen Saver/Power Save	•/•
Split Screen Text/Picture	•/•
Picture in PC mode	•
Unified Remote TV/VCR/DVD	•/•/•
Fastext/Toptext	•/•
Teletext Page Memory	100
Viewlink (SCART 1)	•
OSD Languages	12
AUDIO	
NICAM/A2	•/•
Audio Modes	Music/Speech/Cinema/Favourite
CONNECTIONS	
SCART 1 S-VHS + AV in (TV out)	•
SCART 2 RGB + AV in (Monitor out)	•
SCART 3 RGB + AV in (Monitor out)	•
Progressive Scan/Component Input YCbCr/YPbPr	•/•
Headphone Socket/Front AV/Front S-VHS	•/•/•
S-VHS/Composite Output	•/•
Phono Audio Output	•
Centre Channel Input	•
PC Connection 15-pin HD D-sub/PC Sound	•/•
GENERAL	
Demo Mode	•
Power Consumption/Standby	30W/< 2W
Weight	3.2kg
Dimensions (WxHxD)	430 x 85 x 240 mm
Finish	Silver

plasma accessories – Choose from our wide array to meet your every need.



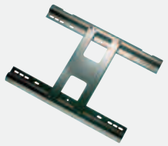
PST427
Floor Stand
42PD5100, 42PD5200 & 42PD5300
37PD5200 (Models)
900mm(w) x 950(h) x 515(d) mm



PST327
Floor Stand
32PD5100, 32PD5200 &
32PD5300 (Models)
720(w) x 720(h) x 540(d) mm

SPUST42
Speaker Stands
5100, 5200 & 5300 (Models)
180(w) x 235(h) x 180(d) mm

SPUFS42
Speaker Stands
5100, 5200 & 5300 (Models)
250(w) x 663(h) mm



PWT001
Wall Mounted Bracket
5100, 5200 & 5300 (Models)
550(w) x 413(h) x 35(d) mm

TP50DHB10
Cable
5100, 5200 & 5300 (Models)
10 Metres

plasma monitors Technical Specifications

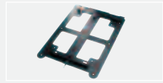
Model	55PMA550E	42PMA500EZ	CMP4214E	CMP4213E
PICTURE				
Screen Size	55"/141cmV	42"/106cmV	42"/106cmV	42"/106cmV
Screen Type	Plasma	Plasma	Plasma	Plasma
Pixels	1366 x 768	1024 x 1024	1024 x 1024	1024 x 1024
Pixel Pitch	0.90 (horizontal) x 0.90 (vertical) mm	0.90 (horizontal) x 0.51 (vertical) mm	0.90 (horizontal) x 0.51 (vertical) mm	0.90 (horizontal) x 0.51 (vertical) mm
Colours	16.7 Million	16.7 Million	16.7 Million	16.7 Million
Gray Level	256	256	256	256
Panel Luminance (Typical)	1000 cd/m²	1100 cd/m²	1100 cd/m²	1100 cd/m²
Contrast	900:1	1000:1	1000:1	1000:1
AUDIO				
RMS Output	2 x 12W	2 x 12W	2 x 12W	2 x 12W
Surround Sound	Matrix	Matrix	Matrix	Matrix
TRUBASS	•	•	•	•
1 bit Digital AMP	•	•	•	•
CONNECTION				
Connector RGB1 (digital)	24-pin DVI (1.0V+HDCP)	–	–	–
Connector RGB2 (analogue)	15-pin D-sub	15-pin D-sub	15-pin D-sub	15-pin D-sub
Control (RS232C)	9-pin D-sub, RS232C 9600bps	9-pin D-sub, RS232C 9600bps	9-pin D-sub, RS232C 9600bps	9-pin D-sub, RS232C 9600bps
Audio for RGB1	L/R mini-headphone jack	–	–	–
Audio for RGB2	L/R mini-headphone jack	L/R mini-headphone jack	L/R mini-headphone jack	L/R mini-headphone jack
COMPUTER INPUT				
RGB1	24-pin DVI	–	–	–
Video Format	RGB digital, TMDS	–	–	–
Frequency	Horizontal: 31–60kHz, Vertical: 56–85Hz	–	–	–
Audio	Stereo, 470mV 270k Ω	–	–	–
RGB2	15-pin D-sub	15-pin D-sub	15-pin D-sub	15-pin D-sub
Video Format	RGB analogue, 0.7V_{p-p}, 75 Ω	RGB analogue, 0.7V_{p-p}, 75 Ω	RGB analogue, 0.7V_{p-p}, 75 Ω	RGB analogue, 0.7V_{p-p}, 75 Ω
Sync Level	H/V Separate Sync and H/V Composite Sync: TTL level Sync on Green: 0.3V_{p-p}, 75 Ω	H/V Separate Sync and H/V Composite Sync: TTL level Sync on Green: 0.3V_{p-p}, 75 Ω	H/V Separate Sync and H/V Composite Sync: TTL level Sync on Green: 0.3V_{p-p}, 75 Ω	H/V Separate Sync and H/V Composite Sync: TTL level Sync on Green: 0.3V_{p-p}, 75 Ω
Frequency	Horizontal: 31–106kHz, Vertical: 50–85Hz	Horizontal: 31–106kHz, Vertical: 50–85Hz	Horizontal: 31–106kHz, Vertical: 50–85Hz	Horizontal: 31–106kHz, Vertical: 50–85Hz
Audio	Stereo, 470mV 270k Ω	Stereo, 470mV High Impedance	Stereo, 470mV High Impedance	Stereo, 470mV High Impedance
CONTROLS				
RGB	Contrast, Brightness, Display Size, Vertical Position, Horizontal Position, Clock, Phase	Contrast, Brightness, Display Size, Vertical Position, Horizontal Position, Clock, Phase	Contrast, Brightness, Display Size, Vertical Position, Horizontal Position, Clock, Phase	Contrast, Brightness, Display Size, Vertical Position, Horizontal Position, Clock, Phase
Colour Temperature	COOL: 12,000K, NORMAL: 9,300K, WARM: 6,500K Black & White 5,400K, USER: manual adjustment	COOL: 12,000K, NORMAL: 9,300K, WARM: 6,500K Black & White 5,400K, USER: manual adjustment	COOL: 12,000K, NORMAL: 9,300K, WARM: 6,500K Black & White 5,400K, USER: manual adjustment	COOL: 12,000K, NORMAL: 9,300K, WARM: 6,500K Black & White 5,400K, USER: manual adjustment
Audio	Volume, Balance, Treble, Bass, Mute	Volume, Balance, Treble, Bass, Mute	Volume, Balance, Treble, Bass, Mute	Volume, Balance, Treble, Bass, Mute
Remote Control	Power, Volume Up/Down, Mute, Input Select, Adjustment Menu, ID select	Power, Volume Up/Down, Mute, Input Select, Adjustment Menu, ID select	Power, Volume Up/Down, Mute, Input Select, Adjustment Menu, ID select	Power, Volume Up/Down, Mute, Input Select, Adjustment Menu, ID select
RS232C	9-pin D-sub Control through PC	9-pin D-sub Control through PC	9-pin D-sub Control through PC	9-pin D-sub Control through PC
GENERAL				
Voltage	AC 100–240V/50–60Hz	AC 100–240V/50–60Hz	AC 100–240V/50–60Hz	AC 100–240V/50–60Hz
Power Consumption	530W	365W	365W	365W
Stand-by	<3W	<3W	<3W	<3W
Weight	63.5kg	34.9kg	34.9kg	34.9kg
Dimensions (WxHxD)	1394 x 857 x 105mm	1030 x 636 x 90mm	1030 x 636 x 90mm	1030 x 636 x 90mm
Stand	Optional (Swivel)	Optional (Swivel)	Optional (Swivel)	Optional (Swivel)
OPERATING CONDITION				
Temperature	5–35°	5–35°	5–35°	5–35°
Humidity	20–80% RH (non-condensing)	20–80% RH (non-condensing)	20–80% RH (non-condensing)	20–80% RH (non-condensing)
Pressure	800–1114hPa (reference value: max altitude 1888m)	800–1114hPa (reference value: max altitude 1888m)	800–1114hPa (reference value: max altitude 1888m)	800–1114hPa (reference value: max altitude 1888m)
CERTIFICATION				
Safety	EN60950	EN60065	EN60065	EN60065
EMI	EN50013 class B	EN50013 class B	EN50013 class B	EN50013 class B
CE	EN55020, EN61000-3-2, EN61000-3-3	EN55020, EN61000-3-2, EN61000-3-3	EN55020, EN61000-3-2, EN61000-3-3	EN55020, EN61000-3-2, EN61000-3-3

Optional Video Board Can be fitted prior to delivery

CONNECTORS				
AV1	Phono x 4 (Component Input and Composite Input) Phono x 2 (Audio L and R Input)	Phono x 4 (Component Input and Composite Input) Phono x 2 (Audio L and R Input)	Phono x 4 (Component Input and Composite Input) Phono x 2 (Audio L and R Input)	Phono x 4 (Component Input and Composite Input) Phono x 2 (Audio L and R Input)
AV2	Phono x 4 (Component or RGB Input and Composite Input) Phono x 2 (Audio L and R Input)	Phono x 4 (Component or RGB Input and Composite Input) Phono x 2 (Audio L and R Input)	Phono x 4 (Component or RGB Input and Composite Input) Phono x 2 (Audio L and R Input)	Phono x 4 (Component or RGB Input and Composite Input) Phono x 2 (Audio L and R Input)
AV3	Phono x 2 (Composite Input and Composite Output) S-terminal Input (S-Video) Phono x 2 (Audio L and R Input)	Phono x 2 (Composite Input and Composite Output) S-terminal Input (S-Video) Phono x 2 (Audio L and R Input)	Phono x 2 (Composite Input and Composite Output) S-terminal Input (S-Video) Phono x 2 (Audio L and R Input)	Phono x 2 (Composite Input and Composite Output) S-terminal Input (S-Video) Phono x 2 (Audio L and R Input)
AV4	SCART (RGB Input, Composite Input, Composite or TV Output, Audio L/R Input and Output, Mode Select,TV Output, Fast Blanking)	SCART (RGB Input, Composite Input, Composite or TV Output, Audio L/R Input and Output, Mode Select,TV Output, Fast Blanking)	SCART (RGB Input, Composite Input, Composite or TV Output, Audio L/R Input and Output, Mode Select,TV Output, Fast Blanking)	SCART (RGB Input, Composite Input, Composite or TV Output, Audio L/R Input and Output, Mode Select,TV Output, Fast Blanking)
INPUT SIGNAL FORMAT				
Component	480i, 480p, 575i, 575p, 720p (60), 1080i (50/60)	480i, 480p, 575i, 575p, 720p (60), 1080i (50/60)	480i, 480p, 575i, 575p, 720p, 1080i (50/60)	480i, 480p, 575i, 575p, 720p, 1080i (50/60)
Format	Y, P_B, P_R or Y, C_B, C_R	Y, P_B, P_R or Y, C_B, C_R	Y, P_B, P_R or Y, C_B, C_R	Y, P_B, P_R or Y, C_B, C_R
Signal Level	Y=1.0V; P_B, C_B, P_R, C_R = 0.7V_{p-p}, 75 Ω Sync. on y	Y=1.0V; P_B, C_B, P_R, C_R = 0.7V_{p-p}, 75 Ω Sync. on y	Y=1.0V; P_B, C_B, P_R, C_R = 0.7V_{p-p}, 75 Ω Sync. on y	Y=1.0V; P_B, C_B, P_R, C_R = 0.7V_{p-p}, 75 Ω Sync. on y
Composite/S-Video	PAL/SECAM/NTSC 3.58/NTSC 4.43	PAL/SECAM/NTSC 3.58/NTSC 4.43	PAL/SECAM/NTSC 3.58/NTSC 4.43	PAL/SECAM/NTSC 3.58/NTSC 4.43
Signal Level	1.0V_{p-p}, 75, Composite Sync	1.0V_{p-p}, 75, Composite Sync	1.0V_{p-p}, 75, Composite Sync	1.0V_{p-p}, 75, Composite Sync
RGB	Normal Video RGB (50/60)	Normal Video RGB (50/60)	Normal Video RGB (50/60)	Normal Video RGB (50/60)

plasma monitor Accessories

CMPAK42-500
Wallmount (landscape)
42PMA500EZ/CMP4213E/CMP4214E
536(w) x 575(h) x 22(d) mm



CMPAK5542P
Wallmount (landscape) 55PMA550E
Wallmount (portrait) CMP4213E/CMP4214E
660(w) x 480(h) x 29(d) mm

CMPAD30
Table top stand (swivel)
42PMA500EZ/CMP4213E/CMP4214E
750(w) x 155(h) x 240(d) mm

CMPAD16R
Table top stand
55PMA550E
650(w) x 343(h) x 520(d) mm

CMPAS30S
Pair of loudspeakers (silver)
42PMA500EZ/CMP4213E/CMP4214E
102(w) x 636(h) x 91(d) mm

CMPAS15SS
Pair of loudspeakers (silver)
55PMA550E
80(w) x 857(h) x 105(d) mm

CMPAVW1K
Replacement video card
42PMA500EZ/CMP4213E/CMP4214E/55PMA550E

LCD Technical Specifications

Model	28LD5200*	22LD4200	17LD4000
PICTURE			
Screen Size	28"/71cmV	22" (56cmV) Wide	17" (43cmV) Wide
Screen Type	TFT	TFT	TFT
Aspect Ratio	15:9	16:9	15:9
Pixels	1280 x 768	1280 x 720	1280 x 768
Pixel Pitch	0.47 (horizontal) x 0.47mm (vertical)	0.381 (horizontal) x 0.381mm (vertical)	0.289 (horizontal) x 0.289 (vertical) mm
Colours	16.7 million	16.7 million	16.7 million
Panel Luminance (Typical)	450cd/m²	450cd/m²	400cd/m²
Contrast Ratio	500:1 Typical	500:1 Typical	500:1 Typical
VIDEO/AUDIO			
RMS Output	2 x 12W	2 x 3W	2 x 2.5W
Surround Sound	Matrix	Wide Mode	–
TRUBASS	•	–	–
1 bit Digital AMP	•	–	–
CONNECTION			
Connector RGB1 (digital)	24-pin DVI (1.0V+HDCP)	–	–
Connector RGB2 (analogue)	15-pin D-sub	15-pin D-sub	•
Control (RS232C)	9-pin D-sub, RS232C 9600bps	–	–
Audio for RGB1	L/R mini jack	–	–
Audio for RGB2	L/R mini jack	L/R mini jack	L/R mini jack
Headphone Socket	–	3.5mm Stereo	–
S-VHS	x1	x1	x1
Composite Signal	x3	x1	x1
SCART Sockets (full)	x1	x2	– Adaptor Lead supplied
Component Socket	x2	–	x1
COMPUTER INPUT			
RGB1	24-pin DVI	15-pin D-sub	15-pin D-sub
Video Format	RGB digital, TMDS	RGB analogue, 0.7Vp-p, 75 Ω	RGB analogue, 0.7Vp-p, 75 Ω
Frequency	Horizontal: 31–60kHz, Vertical: 56–85Hz	Horizontal: 30–69kHz, Vertical: 50–75Hz	Horizontal: 29–61kHz, Vertical: 55–75Hz
Audio	Stereo, 470mV 270k Ω	Stereo	Stereo
RGB2	15-pin D-sub	–	–
Video Format	RGB analogue, 0.7Vp-p, 75 Ω	–	–
Sync Level	H/V Separate Sync and H/V Composite Sync: TTL level Sync on Green: 0.3Vp-p, 75 Ω	–	–
Audio	Stereo, 470mV High Impedance	–	–
TUNER			
TV Standard	PAL/SECAM I/BG/LL'/DK	PAL/SECAM BG/I/LL'	PAL/SECAM I/BG/LL'/DK
VHF	•	•	•
UHF	•	•	•
Cable	•	•	•
Colour Temperature	COOL: 9,300K, NORMAL: 7,600K, WARM: 6,500K Black & White 5,400K, USER: manual adjustment	–	–
Audio	Volume, Balance, Treble, Bass, Mute	–	–
RS232C	9-pin D-sub Control through PC	–	–
GENERAL			
Voltage	AC 100–240V/50–60Hz	AC 100–240V/50–60Hz	AC 100–240V/50–60Hz
Power Consumption	155W	70 W	65 W
Stand-by	<1W	<4W	<5W
Power	On/Off with LED Indicator	On/Off with LED Indicator	On/Off with LED Indicator
Weight	21.9 Kg	9.6 Kg	6.5 Kg
Dimensions (WxHxD)	854 x 517 x 277mm	570 x 463 x 240mm	518 x 333 x 198mm
Stand	Swivel	Tilt	Tilt
Finish	Dark Silver	Silver	Silver

*28LD5200 features Video Board and Tuner Board - see plasma optional extras 5200 for Video Board and Tuner Board specifications.

17LD4000 LCD Colour Monitor (with optional Tuner/AV Board) Technical Specifications

TUNER	
TV Standard	PAL/SECAM BG/I/LL'
VHF	CH1–CH12
UHF	CH21–CH69
CATV	S1–S41
Audio	Stereo
Controls	TV/AV/PC, (Stereo, NICAM, Mono), Channel Select, Volume Control, Mute, Treble Adjust, Bass Adjust, Balance, Brightness, Contrast (Picture), Colour, Hue, Sharp, Language, Channel Search, 4:3/WIDE, Sleep
AV BOARD CONNECTION	
Composite Signal	CVBS
Component Signal	Y, C_B, C_R
S-Video	S-Terminal